

should be specific to the questions asked. Draw neat, labeled diagrams wherever necessary.  
(Note: Use the same theory answer scripts for writing Part A and Part B)

### LONG ESSAYS

1. What is kriya kaala, explain each kriya kaala and their importance in detail.  $1 \times 15 = 15$  Marks

### SHORT ESSAYS

2. Define deha prakriti and write its classification.  $5 \times 5 = 25$  Marks

3. Panchabhoutikatva in tridosha and triguna.

4. Vriddhi and kshaya lakshana of kapha dosha.

5. Aahara vargeekarana.

6. Prakupita pitta karma and pitta prakopaka hetu.

### SHORT ANSWERS

7. Bhraajaka pitta.

8. Taamasa kaaya

9. Nishtha paaka

10. Pittadhara kala

11. Samaana vaayu

### Part - B (50 Marks)

### LONG ESSAYS

12. Describe functional anatomy of respiratory system.  $1 \times 15 = 15$  Marks

### SHORT ESSAYS

13. Types of vitamin B with their functions and food sources.  $5 \times 5 = 25$  Marks

14. Physiology of speech and articulation.

15. Cell-membrane physiology.

16. Functions of salivary glands.

17. Digestion of proteins

### SHORT ANSWERS

18. Residual volume

19. Bile juice

20. Vitamin D

21. C.S.F. (Cerebro spinal fluid)

22. Sensory nerve

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# Rajiv Gandhi University of Health Sciences, Karnataka

Time: Three Hours

1 Year B.A.M.S Degree Examination - MARCH-2018

Max. Marks: 100 Marks

## SHAREERA KRIYA, PAPER-II (Revised Scheme - 4)

Q.P. CODE: 3005

Your answers should be specific to the questions asked. Draw neat, labeled diagrams wherever necessary  
(Note: Use the same theory answer scripts for writing Part A and Part B)

### Part - A (50 Marks)

#### LONG ESSAYS

1 x 15 = 15 Marks

1. What is ojus? Describe its types, sthaana, guna, karma and vikruta lakshanaas.

#### SHORT ESSAYS

5 x 5 = 25 Marks

2. Define dhatu and upadhatu, enumerate upadhatus
3. Vriddhi and kshaya lakshana of rakta dhatu.
4. Write mala and dhaatu saara purusha lakshana of maamsa dhaatu.
5. Guna and karma of manas.
6. Aashraya aashrayee bhava of dosha and dushya.

#### SHORT ANSWERS

5 x 2 = 10 Marks

7. Asthi vriddhi lakshana
8. Majja kshaya lakshana
9. Nidra
10. Shuddha shukra lakshana
11. Trividha nyaaya in dhatu poshana

### Part - B (50 Marks)

#### LONG ESSAYS

1 x 15 = 15 Marks

12. Describe haemopoiesis in detail

#### SHORT ESSAYS

5 x 5 = 25 Marks

13. Formation of urine.
14. Cardiac cycle.
15. Dual glandular function of testes
16. Functions of skin
17. Note on immunity.

#### SHORT ANSWERS

5 x 2 = 10 Marks

18. Pulse pressure
19. E. C. G. (Electro cardiograph)
20. Bleeding time
21. Oxytocin
22. Nephron

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# Rajiv Gandhi University of Health Sciences, Rajshahi

I Year B.A.M.S Degree Examination - SEP-2016

Time: Three Hours

SHAREERA KRIYA, PAPER-II (R54 & R55)

Q.P. CODE: 3005

Your answers should be specific to the questions asked. Draw neat, labeled diagrams wherever necessary.  
(Note: Use the same theory answer scripts for writing Part A and Part B).

Part - A (50 Marks)

## LONG ESSAYS

1 x 15 = 15 Marks

1. Explain Mootvraha srotus in detail along with its Moolasthan and Utpatti, Karma, Vruddhi Kshaya of Mootra.

## SHORT ESSAYS

5 x 5 = 25 Marks

2. Explain the Utpatti, Karma, Vruddhi and Kshaya of Meda Dhatu.
3. Explain the Vruddhi Kshaya and Prakruta Karma of Sweda.
4. Indreeya Pancha Panchaka.
5. Nidra Utpatti and Nidra Bheda.
6. Khale Kapota Nyaya.

## SHORT ANSWERS

5 x 2 = 10 Marks

7. Medo Dhatu Karma.
8. Ekakala Dhatu Poshana Nyaya.
9. Raktha Vruddhi lakshana.
10. Type of Srotus.
11. Ojo Guna.

Part - B (50 Marks)

1 x 15 = 15 Marks

## LONG ESSAYS

12. Explain cardiac cycle in detail along with functional anatomy of heart.

## SHORT ESSAYS

5 x 5 = 25 Marks

13. Explain immunity and write the classification of immunity.
14. Explain the types of leucocytes and their functions.
15. What are the types of vessels explain with example.
16. What are Glucocorticoids? Explain their functions.
17. Explain the endocrine functions of pancreas.

## SHORT ANSWERS

5 x 2 = 10 Marks

18. Immunoglobulins.
19. Autoimmunity.
20. Glomerular filtration rate.
21. Anemia.
22. Graffian follicle.

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# Rajiv Gandhi University of Health Sciences, Karnataka

1 Year B.A.M.S Degree Examination - SEP-2017

Time: Three Hours

Max. Marks: 100 Marks

## SHAREERA KRIYA, PAPER-II (Revised Scheme - 4)

**Q.P. CODE: 3005**

Your answers should be specific to the questions asked. Draw neat, labeled diagrams wherever necessary

(Note: Use the same theory answer scripts for writing Part A and Part B)

### Part - A (50 Marks)

#### LONG ESSAYS

1 x 15 = 15 Marks

1. Describe different theories related to dhaathu poshana.

#### SHORT ESSAYS

5 x 5 = 25 Marks

2. Twak saara purusha lakshana.
3. Paanchabhoutikatva in different gunas of rakta dhaatu.
4. Upadhaatu, mala and srotomula of medo dhaatu.
5. Pramaanas of upadhaatu and mala
6. Nidrotipatti and bheda

#### SHORT ANSWERS

5 x 2 = 10 Marks

7. Nirukti of manas.
8. Gunas of Ojus
9. Name the Indriyas
10. Define purusha
11. Shuddha stanya lakshana

### Part - B (50 Marks)

#### LONG ESSAYS

1 x 15 = 15 Marks

12. Explain oogenesis, ovulation and menstrual cycle in detail.

5 x 5 = 25 Marks

#### SHORT ESSAYS

13. Physiology of skeletal muscle
14. Functional anatomy of urinary tract.
15. Define and classify exocrine glands
16. Coagulation of blood
17. Spermatogenesis

5 x 2 = 10 Marks

#### SHORT ANSWERS

18. Define anaemia
19. Stroke volume
20. Heart sounds
21. What is Goitre
22. ADH (anti diuretic hormone)

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# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.A.M.S Degree Examination - MARCH 2017

Time: Three Hours

Max. Marks: 100 Marks

## SHAREERA KRIYA, PAPER-II (Revised Scheme - 4)

Q.P. CODE: 3005

Your answers should be specific to the questions asked. Draw neat, labeled diagrams wherever necessary  
(Note: Use the same theory answer scripts for writing Part A and Part B)

### Part - A (50 Marks)

1 x 15 = 15 Marks

#### LONG ESSAYS

1. Explain in detail about mamasa dhatu.

5 x 5 = 25 Marks

#### SHORT ESSAYS

2. Formation and function of Rasa dhatu.
3. Meda dhatu vriddhi and kshya lakshana.
4. Derivation Synonyms, locations and properties of Rakta dhatu.
5. Lakshana and karma of Shukra dhatu.
6. Classification of bala and balavriddhikara bhavas

5 x 2 = 10 Marks

#### SHORT ANSWERS

7. Definition of Ojas.
8. Sweda vriddhi lakshana.
9. Properties of Atma.
10. Asti vrudhi lakshana.
11. Dhatu mala.

### Part - B (50 Marks)

1 x 15 = 15 Marks

#### LONG ESSAYS

12. Explain in detail about physiology of Cardiac cycle.

5 x 5 = 25 Marks

#### SHORT ESSAYS

13. Physiology of Skeletal Muscle.
14. Composition and Function of Bone marrow.
15. Write a note on Immunity.
16. Physiology of Male Reproductive System.
17. Functions of Sweat glands.

5 x 2 = 10 Marks

#### SHORT ANSWERS

18. Blood grouping.
19. Functions of Adrenal medulla
20. Functions of Skin.
21. Definition of Micturation.
22. Define Blood pressure.

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# Rajiv Gandhi University of Health Sciences

I Year B.A.M.S Degree Examination – SEP-2016

Time: 3 Hours]

[Max. Marks: 100]

**SHAREERA KRIYA, PAPER - II (RS4)**

**QP Code: 3005**

Use the same theory Answer scripts for writing part A and Part B  
Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary.

## Part – A

### LONG ESSAY

(50 Marks)

1 X 15 = 15 Marks

Write in detail about Mamsa Dhatu.

### SHORT ESSAY

5 X 5 = 25 Marks

Properties and function of Manas.

Note on artava

Majjasara Purusha Lakshana.

Explain shuddha Rakta lakshanas and Panchabhoutika of Rakha.

Uttapatti of Shukra Dhatu.

### SHORT ANSWERS

5 X 2 = 10 Marks

Swapna Uttapatti.

Purisha Vriddhi Lakshanas.

Ojo-Swaroopa.

Rasa kshaya lakshana

Khale-kapota nyaya

## Part – B

### LONG ESSAY

(50 Marks)

1 X 15 = 15 Marks

Describe morphological development and function of leucocytes.

### SHORT ESSAY

5 X 5 = 25 Marks

Functions of kidney.

Formation of faeces and mechanism of defecation.

Mechanism of blood clotting.

Endocrine functions of pancreas.

Composition and function of bone marrow.

### SHORT ANSWERS

5 X 2 = 10 Marks

Insulin.

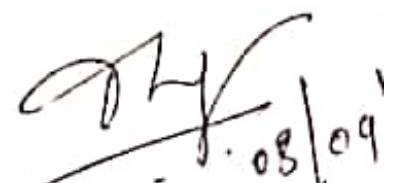
ECG

Classification of immunity

Cardiac muscle

Composition of urine

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# Rajiv Gandhi University of Health Sciences, Karnataka

1 Year B.A.M.S Degree Examination - MARCH 2017

Time: Three Hours

Max. Marks: 100 Marks

## SHAREERA KRIYA, PAPER-I (Revised Scheme - 4)

Q.P. CODE: 3004

Your answers should be specific to the questions asked. Draw neat, labeled diagrams wherever necessary  
(Note: Use the same theory answer scripts for writing Part A and Part B)

### Part - A (50 Marks)

#### LONG ESSAYS

1 x 15 = 15 Marks

1. Explain concept of Shat Kriya Kala.

#### SHORT ESSAYS

5 x 5 = 25 Marks

2. Panchavidha vata Karmaani.
3. Ahara Parinamakara Bhavas.
4. Explain Types of Pitta dosha in detail
5. Characteristic features of Kapha Prakruti.
6. Define agni and write synonyms, classification, and location Agni.

5 x 2 = 10 Marks

#### SHORT ANSWERS

7. Pitta Vruddhi Lakshana.
8. Nisthaapaaka.
9. Define Ahara.
10. Define Kosta.
11. Synonyms of Shareera.

### Part - B (50 Marks)

1 x 15 = 15 Marks

#### LONG ESSAYS

12. Write introduction to Nervous system, physiology of CNS and propagation of nerve impulse.

5 x 5 = 25 Marks

#### SHORT ESSAYS

13. Digestion and metabolism of Protein.
14. Functions of liver.
15. Mechanism of defecation,
16. Physiology of speech and articulation.
17. Diffusion of gases in lungs

5 x 2 = 10 Marks

#### SHORT ANSWERS

18. Functions of calcium mineral.
19. Ascorbic acid.
20. Asphyxia.
21. Gall bladder function.
22. Hyper-vitaminosis.

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QP Code: 3005

Use the same theory Answer scripts for writing part A and Part B  
 Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary.

**LONG ESSAY****Part - A**

(50 Marks)

1 X 15 = 15 Marks

Write in detail about Mamsa Dhatu.

**SHORT ESSAY**

5 X 5 = 25 Marks

Properties and function of Manas.

Note on artava

Majjasara Purusha Lakshana.

Explain shuddha Rakta lakshanas and Panchabhoutika of Rakha.

Uttapatti of Shukra Dhatu.

**SHORT ANSWERS**

5 X 2 = 10 Marks

Swapna Uttapatti.

Purisha Vriddhi Lakshanas.

Ojo-Swaroopa.

Rasa kshaya lakshana

Khale-kapota nyaya

**Part - B****LONG ESSAY**

(50 Marks)

1 X 15 = 15 Marks

Describe morphological development and function of leucocytes.

**SHORT ESSAY**

5 X 5 = 25 Marks

Functions of kidney.

Formation of faeces and mechanism of defecation.

Mechanism of blood clotting.

Endocrine functions of pancreas.

Composition and function of bone marrow.

**SHORT ANSWERS**

5 X 2 = 10 Marks

Insulin.

ECG

Classification of immunity

Cardiac muscleless

Composition of urine

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Time: Three Hours

**SHAREERA KRIYA, PAPER-II (Revised Scheme - 4)**  
**Q.P. CODE: 3005**

Your answers should be specific to the questions asked. Draw neat, labeled diagrams wherever necessary. 3 Hours  
 (Note: Use the same theory answer scripts for writing Part A and Part B)  
**Part - A (50 Marks)**

1 x 15 = 15 Marks

5 x 5 = 25 Marks

5 x 2 = 10 Marks

**LONG ESSAYS**

1. Define the term ojas. Describe its utpatti, sthana, gunas, types, pramana, karmas, vikaranas, vikruta lakshanas, and its importance.

**SHORT ESSAYS**

2. Enumerate the differences between dhatu and Upadhatu.
3. Explain the ashraya and ashrayi bhava of dosha and dushya and its importance.
4. Describe rakta vrudhi and mamsa vrudhi lakshanas.
5. Describe karma and vishayas of manas.
6. Describe shuddha shukra and shuddha artava lakshanas.

**SHORT ANSWERS**

7. Nidra utpatti and its types
8. Pramanas of tridoshas and dasa dushyas
9. Rasa samvahana
10. Types of atma and how are they differentiated?
11. What do you mean by the terms avasthambha, kleda vahana and kleda vidruti?

**Part - B (50 Marks)**

**LONG ESSAYS**

12. Describe shape, size, normal count, composition, life span, fate and functions of erythrocytes.

**SHORT ESSAYS**

13. Describe functions of kidneys.
14. Explain mechanism of blood clotting process.
15. Explain physiology of muscle contraction.
16. Explain cardiac cycle.
17. Write a short note on classification of Immunity.

**SHORT ANSWERS**

18. Define jaundice.
19. Define pulse pressure.
20. Functions of ovarian hormones.
21. Name the lipo proteins and brief their significance.
22. Enumerate the functions of skin.

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# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.A.M.S Degree Examination - SEP-2018

Time: Three Hours

Max. Marks: 100

**SHAREERA KRIYA, PAPER-I (RS4 & RS5)**

**Q.P. CODE: 3004**

Your answers should be specific to the questions asked. Draw neat, labeled diagrams wherever necessary.

(Note: Use the same theory answer scripts for writing Part A and Part B)

**Part - A (50 Marks)**

## LONG ESSAYS

1 x 15 = 15 Marks

1. What is kriya kaala, explain each kriya kaala and their importance in detail. 8

## SHORT ESSAYS

5 x 5 = 25 Marks

2. Define deha prakriti and write its classification. 3

3. Panchabhoutikatva in tridosha and triguna. 2 1/2

4. Vriddhi and kshaya lakshana of kapha dosha. 3 1/2

5. Aahara vargeekarana. 2 1/2

6. Prakupita pitta karma and pitta prakopaka hetu. 2

## SHORT ANSWERS

5 x 2 = 10 Marks

7. Bhraajaka pitta. 9

8. Taamasa kaaya

9. Nishtha paaka

10. Pittadhara kala

11. Samaana vaayu

**Part - B (50 Marks)**

## LONG ESSAYS

1 x 15 = 15 Marks

12. Describe functional anatomy of respiratory system. 2

## SHORT ESSAYS

5 x 5 = 25 Marks

13. Types of vitamin B with their functions and food sources. 2 1/2

14. Physiology of speech and articulation. 0

15. Cell-membrane physiology. 2

16. Functions of salivary glands. 2

17. Digestion of proteins. 3

## SHORT ANSWERS

5 x 2 = 10 Marks

18. Residual volume 9

19. Bile juice

20. Vitamin D

21. C.S.F. (Cerebro spinal fluid)

22. Sensory nerve

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 19/9/18



**SHAREERA KRIYA, PAPER-I (Revised Scheme - 4)****Q.P. CODE: 3004**

Your answers should be specific to the questions asked. Draw neat, labeled diagrams wherever necessary

(Note: Use the same theory answer scripts for writing Part A and Part B)

**Part - A (50 Marks)****LONG ESSAYS****1 x 15 = 15 Marks**

1. Write about nirukthi, synonyms, guna, sthaana, karma, bheda vruddhi lakshana and kshaya lakshana of vaata dosha.

**SHORT ESSAYS****5 x 5 = 25 Marks**

2. What is samanya vishesha siddhanta? Explain with examples.
3. Ahaara parinaamakara bhaava
4. A note on Shat kriyakaala
5. Define agni and write about the types of agni.
6. Kapha prakruthi lakshana

**SHORT ANSWERS****5 x 2 = 10 Marks**

7. Kapha vruddhi lakshana
8. Alochaka pitta - sthana and karma
9. Mention 4 synonyms of the word shareera.
10. Define purusha.
11. Sadaka pitta - sthana and karma

**Part - B (50 Marks)****LONG ESSAYS****1 x 15 = 15 Marks**

12. Explain the physiology of vision in detail.

**SHORT ESSAYS****5 x 5 = 25 Marks**

13. Write about the sources, process of formation and deficiency disorders of vitamin D.
14. Write about the process of digestion of carbohydrates.
15. Write about the functions of stomach.
16. Write about the functional areas of cerebral cortex.
17. Write a short note on the act of deglutition.

**SHORT ANSWERS****5 x 2 = 10 Marks**

18. Osmosis
19. Hypermetropia
20. Auditory nerve
21. Trypsin
22. Intrinsic factor

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Rajiv Gandhi University of Health Sciences, Karnataka  
1 Year B.A.M.S Degree Examination - April 2014

Time: Three Hours

SHAREERA KRIYA, PAPER-II (Revised Scheme - 4)  
Q.P. CODE: 3005

Your answers should be specific to the questions asked. Draw neat, labeled diagrams wherever necessary. (Note: Use the same theory answer scripts for writing Part A and Part B)

Part - A (50 Marks)

LONG ESSAYS

1. Define the term ojas. Describe its utpatti, sthana, gunas, types, pramana, karmas, vikaras, karanas, vikruta lakshanas, and its importance.

SHORT ESSAYS

2. Enumerate the differences between dhatu and Upadhatu.  
3. Explain the ashraya and ashrayi bhava of dosha and dushya and its importance.  
4. Describe rakta vrudhi and mamsa vrudhi lakshanas.  
5. Describe karma and vishayas of manas.  
6. Describe shuddha shukra and shuddha artava lakshanas.

SHORT ANSWERS

7. Nidra utpatti and its types  
8. Pramanas of tridoshas and dasa dushyas  
9. Rasa samvahana  
10. Types of atma and how are they differentiated?  
11. What do you mean by the terms avasthambha, kleda vahana and kleda vidruti?

Part - B (50 Marks)

LONG ESSAYS

12. Describe shape, size, normal count, composition, life span, fate and functions of erythrocytes.

SHORT ESSAYS

13. Describe functions of kidneys.  
14. Explain mechanism of blood clotting process.  
15. Explain physiology of muscle contraction.  
16. Explain cardiac cycle.  
17. Write a short note on classification of Immunity.

SHORT ANSWERS

18. Define jaundice.  
19. Define pulse pressure.  
20. Functions of ovarian hormones.  
21. Name the lipo proteins and brief their significance.  
22. Enumerate the functions of skin.

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